

To: Bosscher, Valerie[bosscher.valerie@epa.gov]; Deltoral, Miguel[deltoral.miguel@epa.gov]; Korleski, Christopher[korleski.christopher@epa.gov]; Henry, Timothy[henry.timothy@epa.gov]; Holst, Linda[holst.linda@epa.gov]; Poy, Thomas[poy.thomas@epa.gov]; Bair, Rita[bair.rita@epa.gov]; Shoven, Heather[shoven.heather@epa.gov]; Baltazar, Debbie[baltazar.debbie@epa.gov]; Marquardt, Steve[marquardt.steve@epa.gov]
Cc: Kaplan, Robert[kaplan.robert@epa.gov]; Nelson, Leverett[nelson.leverett@epa.gov]; Klassman, Debra[klassman.debra@epa.gov]; Fulghum, Mary[fulghum.mary@epa.gov]; Kelley, Jeff[kelley.jeff@epa.gov]; Rowan, Anne[rowan.anne@epa.gov]; Bassler, Rachel[Bassler.Rachel@epa.gov]; Guerriero, Margaret[guerriero.margaret@epa.gov]; Ballotti, Doug[ballotti.douglas@epa.gov]
From: Porter, Andrea
Sent: Wed 6/7/2017 4:47:19 PM
Subject: RE: WD's Draft Response to East Chicago's "Asks" Relating to Drinking Water Quality: Draft and Deliberative
[East Chicago Muni Water Order NR 4-26-17.pdf](#)

Hi All,

This might help address Chris' question on what East Chicago's LSL replacement plans include.

As of the end of April, according to Indiana Office of Utility Consumer Counselor's web site, East Chicago has funding for 500 customer-owned lead service line replacements. Based on East Chicago's estimated service line inventory (see below), replacing 500 customer-owned service lines represents about 6% of the total customer-owned LSLs citywide (500 out of 8,000).

Background links included below.

Thanks,

Andrea Porter

Environmental Engineer

Ground Water & Drinking Water Branch

U.S. EPA, Region 5 (WG-15J)

77 W. Jackson Blvd.

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Information from the Indiana Office of Utility Consumer Counselor (OUCC) on East Chicago's municipal water rate settlement approval

• **OUCC April 26, 2017 Press Release** – attached, and posted here:
<http://in.gov/oucc/files/East%20Chicago%20Muni%20Water%20Order%20NR%204-26-17.pdf>

o **Excerpt:** *“East Chicago then succeeded in obtaining an additional \$3.1 million from the Indiana Finance Authority (IFA) at no additional cost to ratepayers. The additional funding will allow the City to pay 100 percent of the costs for the replacement of up to 500 customer-owned service lines.”*

• **OUCC webpage on East Chicago** (includes the full commission order), here:
<http://in.gov/oucc/2783.htm>

Info on East Chicago estimated LSL inventory from the Indiana File Cabinet:

https://ecm.idem.in.gov/cs/idcplg?IdcService=GET_FILE&dID=80301645&dDocName=80301299&Rendition=w

C. Service Line Material

Service Line Material	Number of Service Connections	Is Number Estimated (E) or from Records (R)	Confidence in Records or Estimates (Insert 1-10, with 1 being no confidence in records or estimate and 10 being very confident)
1. No lead portion			
2. Service line material is unknown	2000	E	
3. Lead gooseneck only			
4. Entire service line is lead from the water main to home	4000	E	
5. Lead only from the water main to external service shut-off, curb or property line	1000	E	
6. Lead only from the external shut-off valve to the home	4000	E	
Total number of service connections (add 1 through 6)	11,000	E	
Total number of service lines with lead portions (add 3 through 6)	9000	E	

II. Service Line Ownership

- Specify who owns the portion of the service line from the water main to the external shut-off, curb or property line. Municipality (M), Public Water System (P) Resident (R) or Unknown/not sure (U)? P
- Specify who owns the portion of the service line from the curb, property line or shut-off to the home. Municipality (M), Public Water System (P) Resident (R) or Unknown/not sure (U)? R

Thanks,

Andrea Porter

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From: Bosscher, Valerie

Sent: Wednesday, June 07, 2017 10:56 AM

To: Deltoral, Miguel <deltoral.miguel@epa.gov>; Korleski, Christopher <korleski.christopher@epa.gov>; Henry, Timothy <henry.timothy@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Bair, Rita <bair.rita@epa.gov>; Porter, Andrea <porter.andrea@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>; Baltazar, Debbie <baltazar.debbie@epa.gov>; Marquardt, Steve <marquardt.steve@epa.gov>
Cc: Kaplan, Robert <kaplan.robert@epa.gov>; Nelson, Leverett <nelson.leverett@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Fulghum, Mary <fulghum.mary@epa.gov>; Kelley, Jeff <kelley.jeff@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>; Bassler, Rachel <Bassler.Rachel@epa.gov>; Guerriero, Margaret <guerriero.margaret@epa.gov>; Ballotti, Doug <ballotti.douglas@epa.gov>

Subject: RE: WD's Draft Response to East Chicago's "Asks" Relating to Drinking Water Quality: Draft and Deliberative

See attached for a few additional suggestions for consideration.

Valerie Bosscher, P.E.

Environmental Engineer

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Chicago, IL 60604

From: Deltoral, Miguel

Sent: Wednesday, June 07, 2017 7:18 AM

To: Korleski, Christopher <korleski.christopher@epa.gov>; Henry, Timothy <henry.timothy@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Bair, Rita <bair.rita@epa.gov>; Porter, Andrea <porter.andrea@epa.gov>; Bosscher, Valerie <bosscher.valerie@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>; Baltazar, Debbie <baltazar.debbie@epa.gov>; Marquardt, Steve <marquardt.steve@epa.gov>

Cc: Kaplan, Robert <kaplan.robert@epa.gov>; Nelson, Leverett <nelson.leverett@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Fulghum, Mary <fulghum.mary@epa.gov>; Kelley, Jeff <kelley.jeff@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>; Bassler, Rachel <Bassler.Rachel@epa.gov>; Guerriero, Margaret <guerriero.margaret@epa.gov>; Ballotti, Doug <ballotti.douglas@epa.gov>

Subject: Re: WD's Draft Response to East Chicago's "Asks" Relating to Drinking Water Quality: Draft and Deliberative

Sorry, I missed something in #5. East Chicago did exceed the lead action level in 1993, but has met it ever since, so I corrected that sentence in this version.

Miguel A. Del Toral

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From: Deltoral, Miguel
Sent: Wednesday, June 7, 2017 07:12 AM
To: Korleski, Christopher; Henry, Timothy; Holst, Linda; Poy, Thomas; Bair, Rita; Porter, Andrea; Bosscher, Valerie; Shoven, Heather; Baltazar, Debbie; Marquardt, Steve
Cc: Kaplan, Robert; Nelson, Leverett; Klassman, Debra; Fulghum, Mary; Kelley, Jeff; Rowan, Anne; Bassler, Rachel; Guerriero, Margaret; Ballotti, Doug
Subject: Re: WD's Draft Response to East Chicago's "Asks" Relating to Drinking Water Quality: Draft and Deliberative

Suggested edits for consideration...

Miguel A. Del Toral

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From: Korleski, Christopher
Sent: Tuesday, June 6, 2017 04:51 PM
To: Henry, Timothy; Holst, Linda; Poy, Thomas; Bair, Rita; Deltoral, Miguel; Porter, Andrea; Bosscher, Valerie; Shoven, Heather; Baltazar, Debbie; Marquardt, Steve
Cc: Kaplan, Robert; Nelson, Leverett; Klassman, Debra; Fulghum, Mary; Kelley, Jeff; Rowan, Anne; Bassler, Rachel; Guerriero, Margaret; Ballotti, Doug; Korleski, Christopher
Subject: WD's Draft Response to East Chicago's "Asks" Relating to Drinking Water Quality: Draft and Deliberative

Hello All:

Thanks to all the WD folks who put together the initial draft. I've tried to distill all that valuable information down to a concise and clear response, and provide the attached for your review and comment. Tom/Rita – If I've overlooked someone, please share.

One of the things the City emphasized was their need for a clearer explanation about the relationship between LCR compliance and our concerns about

the Pb levels we detected during the pilot study. I've tried to address that here.

In addition to ORC, I'm copying Margaret and Doug for SFD distribution and comment as they see fit.

Thanks.

Chris

Chris Korleski

Director, Water Division, Region 5

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